

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT



APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER SEPCO STATE 30-24 #1-32H
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		3. FIELD OR WILDCAT UNDESIGNATED
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME
6. NAME OF OPERATOR SOUTHWESTERN ENERGY PRODUCTION COMPANY		7. OPERATOR PHONE 281 618-7414
8. ADDRESS OF OPERATOR 2350 N Sam Houston Pkwy E, Suite 125, Houston, TX, 77032		9. OPERATOR E-MAIL Amy_Johnson@swn.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML51651	11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>		
13. NAME OF SURFACE OWNER (if box 12 = 'fee')		14. SURFACE OWNER PHONE (if box 12 = 'fee')
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>	
19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>		

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	400 FNL 1170 FWL	NWNW	32	30.0 S	24.0 E	S
Top of Uppermost Producing Zone	806 FNL 1574 FWL	NENW	32	30.0 S	24.0 E	S
At Total Depth	1250 FSL 660 FEL	SESE	32	30.0 S	24.0 E	S

21. COUNTY SAN JUAN	22. DISTANCE TO NEAREST LEASE LINE (Feet) 400	23. NUMBER OF ACRES IN DRILLING UNIT 640
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 21918	26. PROPOSED DEPTH MD: 12382 TVD: 7621
27. ELEVATION - GROUND LEVEL 6009	28. BOND NUMBER 09086761	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 1002

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	17.5	13.375	0 - 1640	54.5	J-55 ST&C	8.6	Class G	1900	1.2	15.6
I1	12.25	9.625	0 - 5340	40.0	HCP-110 LT&C	8.6	Class G	880	1.8	12.82
							Class G	350	1.18	15.6
PROD	8.5	7	0 - 12382	32.0	HCP-110 LT&C	14.5	Class G	285	1.66	13.2
							Class G	170	1.07	16.4

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Amy Johnson	TITLE Regulatory Supervisor	PHONE 281 618-7414
SIGNATURE	DATE 03/06/2013	EMAIL Amy_Johnson@swn.com
API NUMBER ASSIGNED 43037500550000	APPROVAL Permit Manager	

T30S, R24E, S.L.B.&M.

SOUTHWESTERN ENERGY PRODUCTION COMPANY

Well location, SEPCO STATE 30-24 #1-32H,
located as shown in the NW 1/4 NW 1/4 of
Section 32, T30S, R24E, S.L.B.&M., San Juan
County, Utah.

BASIS OF ELEVATION

BENCH MARK (C21) LOCATED IN THE W 1/2 OF SECTION 35,
T30S, R23E, S.L.B.&M. TAKEN FROM THE SANDSTONE DRAW
QUADRANGLE, UTAH, SAN JUAN COUNTY, 7.5 MINUTE QUAD
(TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES
DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID
ELEVATION OBTAINED FROM THE NGS DATA SHEET NAVD88
IS 6081 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
KAY
REGISTRATION NO. 161319
STATE OF UTAH
12-10-12

T30S

T31S

1911 Brass.
Cap, 1.0' High,
Pile of Stones

2006 Alum.
Cap, 1.0' High,
Pile of Stones

1911 Brass
Cap, 1.2' High

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 38°07'49.83" (38.130508)	LATITUDE = 38°08'25.76" (38.140489)
LONGITUDE = 109°18'18.04" (109.305011)	LONGITUDE = 109°19'01.14" (109.316983)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 38°07'49.87" (38.130519)	LATITUDE = 38°08'25.80" (38.140500)
LONGITUDE = 109°18'15.63" (109.304342)	LONGITUDE = 109°18'58.73" (109.316314)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 11-27-12	DATE DRAWN: 12-10-12
PARTY M.A. J.C. E.C.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE SOUTHWESTERN ENERGY PRODUCTION COMPANY	